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Claims:

1. A method in a computer system for presenting data relating to selection of a compression train, the method comprising:

receiving from a user a configuration data set that specifies operating conditions for a compression train;

sending the configuration data set to the calculation engine;

receiving from the calculation engine a proposed configuration for the compression train developed based on the sent configuration data set;

sending to the user a display page indicating the proposed configuration; and

receiving from the user a request for a quotation for the proposed configuration.

2. The method of claim 1 wherein a computer of the user is connected to the computer system via the Internet.

3. The method of claim 1 wherein the display page is a web page.

4. The method of claim 1 including

receiving from the user a layout design for the proposed configuration; and

sending to the user a display page illustrating the received layout design.

5. The method of claim 1 wherein the computer system allows the user to group configuration data sets into projects.

6. The method of claim 1 wherein the configuration data set includes environmental conditions, driver specifications, and compression data.

7. The method of claim 6 wherein the environmental conditions include design pressure and design temperature.

8. The method of claim 6 wherein the driver specification includes driver type, gas turbine data, and compressor speed.

9. The method of claim 6 wherein the driver specification includes fuel gas composition.

10. The method of claim 6 wherein the compression data includes suction pressure, discharge pressure, and suction temperature.

11. The method of claim 6 wherein the compression data includes process gas composition.

12. The method of claim 1 wherein the operating conditions include compressor options.

13. The method of claim 12 wherein the compressor options include casing type.

14. The method of claim 12 wherein the compressor options include stage compression ratios.

15. The method of claim 1 wherein the operating conditions include interstage data.

16. (Amended) The method of claim 15 wherein the interstage data includes interstage pressure drops and interstage discharge pressures.

17. The method of claim 1 wherein the proposed configuration includes indications of driver target, gear box, or one or more compression casings.

18. The method of claim 1 wherein the proposed configuration includes indications of discharge pressure, discharge temperature, and number of stages.

19. The method of claim 1 wherein the proposed configuration includes indications of actual discharge flow, power margin, and absorbed power at driver shaft.

20. A computer system for presenting data relating to selection of a compression train, comprising:

a list projects component for managing a list of projects, each project having one or more configuration data sets that each specify a configuration data set having operating conditions for a compression train;

a new configuration component for specifying a configuration data set, for receiving a proposed configuration automatically generated based on a specified configuration data set, and for providing the proposed configuration to a user; and

a new request for configuration and quote component for specifying a configuration data set and for sending the specified configuration data set for manual determination of a proposed configuration.

21. The method of claim 20 including a layout component for receiving from a user a layout of a proposed configuration and for displaying a representation of the layout to the user.

22. (New) The computer system of claim 20 wherein the computer system is connected to a user computer via the Internet.

23. (New) The computer system of claim 20 wherein the providing of the proposed configuration including sending a web page to a user computer.

24. (New) The computer system of claim 20 wherein the lists project component allows the user to group configuration data sets into projects.

25. (New) The computer system of claim 20 wherein the configuration data set includes environmental conditions, driver specifications, and compression data.

26. (New) The computer system of claim 25 wherein the environmental conditions include design pressure and design temperature.

27. (New) The computer system of claim 25 wherein the driver specification includes driver type, gas turbine data, and compressor speed.

28. (New) The computer system of claim 25 wherein the driver specification includes fuel gas composition.

29. (New) The computer system of claim 25 wherein the compression data includes suction pressure, discharge pressure, and suction temperature.

30. (New) The computer system of claim 25 wherein the compression data includes process gas composition.

31. (New) The computer system of claim 20 wherein the operating conditions include compressor options.

32. (New) The computer system of claim 31 wherein the compressor options include casing type.

33. (New) The computer system of claim 31 wherein the compressor options include stage compression ratios.

34. (New) The computer system of claim 20 wherein the operating conditions include interstage data.

35. (New) The computer system of claim 34 wherein the interstage data includes interstage pressure drops and interstage discharge pressures.

36. (New) The computer system of claim 20 wherein the proposed configuration includes indications of driver target, gear box, or one or more compression casings.

37. (New) The computer system of claim 20 wherein the proposed configuration includes indications of discharge pressure, discharge temperature, and number of stages.

38. (New) The computer system of claim 20 wherein the proposed configuration includes indications of actual discharge flow, power margin, and absorbed power at driver shaft.